



**The Experts in Filtration
and Oily Water Separation**

WHO WE ARE

VTE is a global leader in filtration and oily water separation, serving key markets such as marine, industrial power plants, and oil and gas industries.

Our products are designed to be fully compatible with major brands, ensuring seamless installation into your existing systems. They play a key role in applications involving lubricating oil, hydraulic and servo oil, fuel, air, water, ballast water treatment systems, oily water separators, ultrasonic cleaning systems, and centrifugal filters.

With over 17,000 m² of storage space, VTE operates one of the largest warehouses in the filtration industry, ensuring that almost every product is immediately available for rapid worldwide delivery.

The family-owned company stands out for its expert advice, commitment to the highest quality standards, and a team of professionals with deep industry experience.

Whether you need filtration or oily water separation spare parts, VTE has the right products in stock and ready for prompt delivery.

Additionally, we offer custom manufacturing services to meet specific customer requirements.



**70 YEARS
OF SUCCESS
AROUND
FILTERS FOR
SHIPPING AND
INDUSTRY**



**VTE
FILTER**

70 years

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SPARE PARTS, REPAIR AND MAINTENANCE

Your full-service partner

VTE is a globally recognized expert in filters with decades of experience.

- The importance of filter maintenance and repair has grown significantly through close customer collaboration.
- VTE offers highly qualified technical specialists available worldwide for both routine challenges and emergencies.

Comprehensive services include:

- Installation and commissioning support
- Personnel training
- Spare parts delivery
- Maintenance and remote support
- Plant optimization, upgrades, inspections and reconditioning
- Acts as a full-service partner to ensure optimal system performance through strong technical support.
- Provides fast video support, express on-site service and global availability.
- Supports the demanding shipping and industrial sectors with sustainable expertise and tailored solutions.
- Technical service operations are integrated into ISO 9001 and ISO 14001 certifications and reviewed annually.

Prepare for your next maintenance and repair, or contact VTE in case of an emergency and we will respond promptly. Reach out to VTE for a non-binding offer or to schedule an appointment to experience our proven service firsthand.

Specialised in:

Alfa Laval, Filtrex, Boll & Kirch, Hydac, Filtration Group, Mahle AKO, NANTONG, Kanagawa Kiki, Filtersafe



Scan the QR-Code

and contact us directly and get more information.



COMPATIBLE WITH BOLL & KIRCH

Original VTE - compatible with Boll & Kirch

VTE provides a comprehensive range of high-quality, compatible filter elements and spare parts aligned with original manufacturer standards.

- All VTE replacement products are **100 % compatible** with the originals, offering identical function, durability and safety – at a more cost-effective price.
- Decades of experience ensure reliable and safe alternatives to OEM components.



**Complete
product range**



**100%
compatible**



**Comprehensive
technical service**

VTE's compatible Boll & Kirch product range includes:

- Wire and polyester mesh filter candles
- Star-pleated filter candles
- Multi-mantle elements
- SFF filter inserts
- Dasket elements
- Star-pleated elements
- Consumables: gaskets, electrical and mechanical parts, solenoid valves, differential pressure indicators

In addition to the complete range of spare parts, VTE offers comprehensive technical service to support you with your requirements.



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information.



Compatible with makers such as:

Ameroid Japan, Daihatsu,
Kanagawa Kiki, Niigata,
Yanmar, Yoowon



COMPATIBLE WITH ASIAN BRANDS

Notch-wire inserts – highest quality and economically efficient

VTE offers a wide selection of compatible **notch-wire filter inserts** and spare parts, including gaskets, valves, and mechanical components for most Asian brands.

- Unlike European manufacturers that use woven wire mesh, Asian filter designs typically use **specialty treated stainless-steel wire wrapped around a cylindrical frame**.
- VTE's notch-wire inserts are **fully compatible with most Asian manufacturers**.
- They provide an excellent **price-performance ratio** while maintaining the required reliability.
- High-quality construction ensures a **long service life**, delivering strong long-term cost-effectiveness.



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COMPATIBLE WITH FILTREX

Original VTE – compatible with Filtrex

VTE supplies **compatible filter elements and maintenance kits** for selected Filtrex automatic, duplex and simplex filters.

- Products are known for their **high quality, strong availability and cost-effectiveness.**
- Suitable for multiple applications, including **fuel, lubricating oil** and **ballast water** systems.
- Complete solutions available for:
 - **Simplex filters**
 - **Automatic filters**
 - **Duplex filters**



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Filter elements and
maintenance kits for:



**Automatic
filter**



**Duplex
filter**



**Simplex
filter**



COMPATIBLE WITH ALFA LAVAL MOATTI

Original VTE – compatible with Alfa Laval Moatti

- VTE manufactures a full range of filter elements **equivalent to the original manufacturer's high-quality standards.**
- All elements match the original **fit, form and function**, ensuring full compatibility.
- Product range covers the **150, 152, 240, 280 and 350 series.**

Compatible spare parts available for these series, including:

- Full Flow Elements
- Diversion Elements
- By-Pass Filter Elements
- Gaskets, Gasket Sets
- Strainers
- Differential Pressure Indicators
- Filtering units, sleeves and distributors



In addition to the complete range of spare parts, VTE offers comprehensive technical service to support you with your requirements.



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COMPATIBLE WITH MAHLE AKO

Original VTE – compatible with Mahle AKO

- VTE supplies both **compatible and original filter elements** as well as spare parts for automatic, duplex and simplex filters.
- All products are known for their **high quality, strong availability and cost-effective pricing.**
- Suitable for applications involving **fuel, lubricating oil and hydraulic servo oil.**



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FILTER ELEMENTS FOR A/E

VTE provides filter elements for marine dual fuel, liquid fuel and gas engines.

- VTE filter elements ensure smooth engine operation and **help reduce maintenance costs.**
- High-quality construction guarantees reliable impurity retention for marine engines.
- A strategically located warehouse near the Hamburg port and airport enables fast delivery and efficient supply across Europe and worldwide.

VTE is the right partner for high-quality products, quick quotations and fast delivery.

Our filter elements are compatible with:

ABC, Bergen Diesel, Caterpillar, CME, Cummins, Daihatsu, Doosan, Hyundai Himsen, MAN Energy Solutions, Mitsubishi, MTU, SDX, STX, Volvo Penta, Wartsila, Yanmar, ZJMD and many more.



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Private
labeling



VTE
own brand



280
items

NEXBLUE

NEXT level, NEXBLUE

- With over **70 years of experience**, VTE has introduced its own brand: **NEXBLUE**.
- NEXBLUE offers high-quality filters for **air, hydraulic oil, fuel and lubricating oil**.
- Suitable for **diesel engines, transmission** and various **industrial applications**.
- All filters provide reliable protection against wear, ensuring **long-term performance and equipment reliability**.
- Products deliver an attractive **price-performance ratio**.
- NEXBLUE offers both **OEM and aftermarket filtration solutions**, also available as **private label products**.

Whether it is lube oil, fuel, hydraulic or air filtration, NEXBLUE offers the best possible protection with over 280 items to get the most out of your machine



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BWTS – BALLAST WATER TREATMENT SYSTEMS

Functionality and cost savings guaranteed with VTE

- VTE provides filter elements specifically designed for **ballast water treatment systems**, ensuring efficient and reliable operation.
- VTE understands the critical importance of trouble-free ballast water treatment for **protecting seas and coastlines**.
- Fast and reliable **supply chains** ensure vessels receive needed filter elements and spare parts without delay.
- VTE spare parts match the **quality and functionality** of original components while offering a **more economical** alternative.
- VTE is committed to delivering **cost-effective solutions** for ballast water treatment systems.
- For reliable and high-quality replacement parts for ballast water treatment systems, **VTE is the right partner**.

Reach out to us today to learn how we can help ensure your system operates reliably and cost-efficiently, saving you both time and money.



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BWTS spare parts from VTE are compatible with equipment from:

Bio-Sea, Desmi, Ecochlor, Erma First, Hyundai HI-Ballast, Norwegian Greentech, Optimarin, Panasia, S&SYS (Samsung HI) PuriMar, SunRui, TeamTec.

Compatible with for Automatic Filter makers such as:

Boll & Kirch, Filtersafe, Filtrex, Fuji Filter, Hydac







OWS – OILY WATER SEPARATORS

Bilge/Oily water separator – environmental protection and economic efficiency

- The shipping industry faces increasing demands in **economic efficiency** and **environmental protection** – VTE's high-quality standards help meet these challenges.
- VTE specializes in **spare parts for oily water separators** used throughout the marine sector.
- Extensive inventory includes **coalescers, adsorbers, activated carbon filter elements** and a wide range of spare parts.
- Available spare parts include **gaskets, gauges, sensor electrodes, heating elements, rotors, stators** and **even complete pumps**.
- VTE provides components compatible with all major manufacturers of oily water separators

Leverage VTE's extensive experience and contact our trained staff to find the best solution for your needs.

Our filter elements are compatible with:

**Detegasa, DVZ Services,
Environmental Protection Engineering (EPE),
Georim, Jowa, RWO, Sasakura and Heishin,
SKF (Blohm & Voss), Taiko Kikai and many more.**



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WATER TREATMENT FILTERS

The importance of water filters for clean and healthy drinking water

- Enjoy clean, high-quality drinking water **without compromise.**
- VTE offers a wide range of **water filters** in various dimensions, materials, and from multiple manufacturers.
- Water filters play a crucial role in **removing impurities** such as sediments, bacteria, viruses and other contaminants.
- Clean drinking water is essential for **protecting human health** and preventing disease.
- Using water filters helps reduce reliance on single-use plastic bottles, **supporting environmental protection.**
- **Regular maintenance and replacement** of water filters is important to ensure continued effectiveness and safe, healthy drinking water.



Our filter elements are compatible with:

Danfoss, Dae Heung, Evac, Everpure, Hansun, Hatlenboer-Water, Nippon Controls, RWO, Samkun Century, Ultrapure, Union, Ueberall, Uzushio, Waterspec and many more.



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DEMISTER

Reverse engineered
– to perfectly suit your needs

- VTE demisters are essential components in **separation processes**, especially in absorption columns, gas scrubbers and liquid storage tanks.
- They address issues caused by **mechanical and thermal droplet formation**, which can reduce process efficiency and accelerate equipment corrosion.
- Available in **wire mesh, polypropylene** and **polyethylene** designs to suit various applications.
- VTE demisters provide an optimal balance of **high separation performance** and **low pressure drop**, offering an efficient and economical solution.
- They effectively remove **liquid droplets from gas or steam streams**, ensuring smooth and reliable process operation.

Whether you have condensate from saturated steam, sulfuric acid mist, emulsion oil mist or droplet swirls in evaporators, VTE has the solution for you.



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CENTRIFUGAL FILTERS FOR LUBE OIL

Optimized oil cleanliness and reduced wear

- VTE recommends **centrifugal filters** to improve lubricating oil care and these systems can be easily retrofitted.
- A comprehensive range of **spare parts** is available for existing centrifugal filters.
- The **FM200, FM200DS, 400 and 600** centrifuge models are designed to extend the service life of lubrication oil in industrial and marine engines.
- Using high centrifugal forces from the spinning rotor, these filters remove **particles smaller than one micrometer**.
- This advanced filtration significantly **reduces wear** on the oil circulation system.



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Product Benefits:

- ✓ clean oil
- ✓ longer oil life
- ✓ longer maintenance intervals
- ✓ less engine wear
- ✓ reduction of maintenance and operating costs
- ✓ less engine downtime
- ✓ improved combustion and lower fuel consumption
- ✓ minimization of maintenance costs



HYDRAULIC FILTERS

VTE Filter inserts for hydraulic systems

- VTE offers **precision-engineered filter inserts** suitable for a wide range of applications, including cranes, steering gears, controllable pitch propellers, winches, reduction gears and hydraulic power units.
- VTE hydraulic oil filter inserts are **reverse engineered** to provide reliable filtration and ensure **uninterrupted system operation**.

Experience the quality firsthand. Contact VTE to receive a customized proposal tailored specifically to your hydraulic filter requirements.

Our filter elements are compatible with:

Alpha Lubricator, Berg, Brunvoll, FRAMO, Hägglund, Hatlapa, Kamewa, Kumera, Liebherr, Lips, MacGregor, NMF, Mitsubishi, Palfinger, Reintjes, Rolls Royce, Tenfjord, Tsuji, TTS, Yoowon and many more.



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AHU & HVAC FILTERS

Pure and healthy air

- VTE offers a wide range of **high-quality air filters** compatible with major manufacturers and suitable for various applications.
- These air filters are designed to remove **pollutants, particles and allergens** from the air.
- They help ensure **clean and healthy air quality** for reliable operation and improved environmental conditions.

By using carefully selected materials, VTE achieves excellent filtration efficiency in all filter classes.



Our filter elements are compatible with:

ABB, Fläkt Marine, HI Air Korea, Novenco, Teknotherm Marine, Unitor and many more.



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COMPRESSOR FILTERS

Filter cartridges for compressors – ensuring clean air

- VTE offers a comprehensive range of **filter cartridges for all compressor types**, ensuring high quality and an excellent price-performance ratio.
- Most cartridges are **available from stock**, enabling fast and reliable delivery.
- Compressed air often contains contaminants such as **dirt particles, water and oil**.
- The correct filter cartridge effectively removes these impurities, providing **clean, oil-free compressed air**.
- Clean compressed air enhances **equipment performance**, extends **service life** and helps **reduce downtime**.

Choose VTE for top-quality filters that deliver value and reliability.

Our filter cartridges are compatible with:

Aerzner, Air Products, Atlas Copco, Boge, Compair Donaldson, Deno, Gardner Denver, Hatlapa, Ingersoll Rand, Kaeser, Renner, Rietschle, Sabroe, Sauer & Sohn, Sperre, Tamrotor, Tanabe, Ultrafilter and many more.



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ULTRASONIC CLEANER

For Professional and simplified cleaning

- VTE offers **advanced ultrasonic cleaning equipment** for professional-grade cleaning of technical components.
- The equipment **simplifies the cleaning process**, making it more efficient and environmentally friendly.
- Using ultrasonic cleaners **extends the service life** of spare parts.
- Suitable for **industrial and marine applications**, providing a practical solution for maintaining optimal equipment performance.

Discover VTE's ultrasonic cleaning solutions and experience the ease of professional-grade maintenance. Contact us today for more information.

Key Features:

- Durable stainless steel construction
- Sweep function for consistent ultrasonic performance distribution
- Degas function for fast and efficient liquid degassing
- Boost mode for temporary performance enhancement when required
- Touchscreen control panel for easy operation
- **Equipment table stays the same**



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Equipment is:



Efficient & powerful



Environmentally friendly



Practical solution

| MODEL | SW45NAV | SW90NAV | SW125NAV |
|---|-------------|-------------|-------------|
| Tank volume max/eff. in litres | 68/45 | 135/90 | 185/125 |
| Tank internal dimensions in mm | 500x300x450 | 600x500x450 | 820x500x450 |
| Unit external dimensions in mm incl. rack | 592x440x790 | 675x630x790 | 910x700x790 |
| Ultrasonic Frequency in KHz | 37 | 37 | 37 |
| Ultrasonic power peak/eff. in Watt | 1600/400 | 3200/800 | 4000/1000 |
| Basket internal dimensions in mm | 458x270x190 | 555x470x190 | 770x472x290 |
| Mains voltage in Vac | variable | variable | variable |





FILTER FINDER AND WEB SHOP

**Filter elements and spare parts compatible
with all leading manufacturers**

- **VTE's Filter Finder** allows you to easily locate filters and submit inquiries online.
- Quickly and efficiently **search for filters and spare parts** using the tool.
- Simply enter the **OEM or part number** to find the correct filter, filter insert, or spare part.
- The database includes products **compatible with all major brands** and applications, including **filtration and oily water separation**.

Add your selected items to the inquiry list and submit it to VTE. You will receive a detailed quotation with pricing and delivery times within 24 hours.



Scan the QR-Code
to access the
web shop.



Scan the QR-Code
to access the
filter finder.

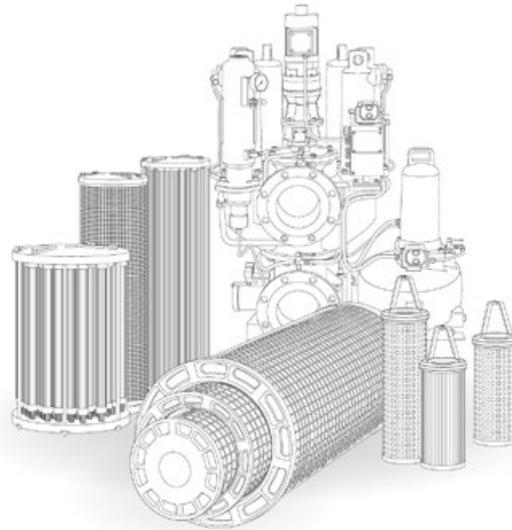
CUSTOM MADE

Custom-made filter solutions by VTE

Your expert for custom-made filters and private labeling. VTE specializes in custom filter solutions tailored to your needs.

If you require a unique filter spare part that is either not available or no longer in production, VTE can develop components precisely to your specifications, **maintaining our high standards of quality.**

VTE understands that every filter is crucial to your system and that standard solutions may not always meet your specific requirements. Therefore, we offer bespoke designs to ensure you receive the optimal solution. Our highly skilled team of technicians works closely with you to fully understand your needs and create custom filter components.



State-of-the-art technologies and production processes are used to ensure every spare part is precisely manufactured and meets the highest quality standards.

Whether you need a complex industrial filter, a sophisticated air filtration system, or a specialized product unique to your industry, VTE provides comprehensive support throughout the entire process. **Trust VTE to find a solution tailored to your needs.**

Contact VTE today to discuss your requirements and explore your options.



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THERE FOR YOU WORLDWIDE

VTE is there for you! We provide you with expert advice, support and are your first point of contact for fast service in emergencies.

The location near Hamburg provides significant advantages, including close proximity to the airport, excellent motorway access and direct connection to the port. This strategic positioning is crucial for VTE to ensure reliable and prompt delivery of your orders globally.

Discover VTE – your partner for quick and reliable filtration solutions.



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